



3-4-05

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MAR 03 2005

Proprietor's Docket No. 03CR119/KE

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Fred D. Mabe, et al.

Application No.: 10/811,000

Group No.: 2661

Filed: March 26, 2004

Examiner:

For: Network Routing Process For Regulating Traffic Through Advantaged And Disadvantaged Nodes

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
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IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

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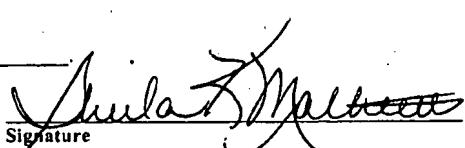
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Signature of Practitioner

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Cedar Rapids, IA 52498



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ADVANCE
EXAMINEE APPLICATION OF:) GROUP ART UNIT: 2661
INVENTOR: Fred D. Mabe, et al.) EXAMINER:
SERIAL NO.: 10/811,000) DOCKET REF.: 03CR119/KE
FILED: March 26, 2004) SUBMITTED: March 3, 2005

FOR: NETWORK ROUTING PROCESS FOR REGULATING TRAFFIC THROUGH ADVANTAGED AND DISADVANTAGED NODES

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

In accordance with 37 C.F.R. §1.56, the references listed below and on the attached for PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents, other than non-U.S. Patents and Published U.S. Applications, are enclosed.

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner of Patents, Box Patent Application, Washington, D.C. 20231.

Sheila K. Mathews
 Typed or printed name of person mailing paper or fee
 (Signature of person mailing paper or fee)

English-Language Documents

U.S. Patent No.	Inventor	Issue Date (Month/Year)
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6,094,429	Blanchette et al.	07/2000
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I. Chlamtac and A. Farago, "An Optimal Channel Access Protocol with Multiple Reception Capacity," Dept. of Telecommunications & Telematics, Technical University of Budapest, Budapest, Hungary. Publication date unknown; believed to be 1993.

Young, "USAP: A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol," Proc. IEEE MILCOM 1996, vol. 1, October 1996.

L. Pond and V. Li, "Bridging the Gap Interoperability, Survivability, Security," 1989 IEEE MILCOM, Conference Record, Volume 1 of 3.

Bittle, Caples, Young, "Soldier Phone: An Innovative Approach to Wireless Multimedia Communications," 1998 IEEE MILCOM, Volume 3.

Sunlin, "A Hybrid Distributed Slot Assignment TDMA Channel Access Protocol," IEEE Military Communications Conference, 1990, Volume 3 of 3.

Young and Stevens, "Clique Activation Multiple Access (CAMA): A Distributed Heuristic for Building Wireless Datagram Networks," IEEE Military Communications Conference 1998, Volume 1.

Ju et al. "An Optimal Topology-Transport Scheduling Method in Multihop Packet Radio Networks." IEEE/ACM Transactions on Networking. June 1998. Pages 298-306.

Chakraborty et al. "Generic Algorithm for Broadcast Scheduling in Packet Radio Networks," Evolutionary Computation Proceedings, 1998. IEEE World Congress on Computational Intelligence. 4-9 May 1998. Pages 183-188.

Pond et al. "A Distributed Time-Slot Assignment Protocol for Mobile Multi-Hop Broadcast Packet Radio Networks," IEEE MILCOM, 1989. 15-18 October 1989. Pages 70-74.

Arikan, E. "Some Complexity Results about Packet Radio Networks," IEEE Transactions on Information Theory, v. IT-30, No. 4, July 1984, Pages 681-685.

Chou et al. "Slot Allocation Strategies for TDMA Protocols in Multihop Packet Radio Network." Eleventh Annual Joint Conference of the IEEE Computer and Communications Societies. 4-8 May 1992. Pages 710-716.

Oono et al. "Dynamic Slot Allocation Technology for Mobile Multi-Media TDMA Systems Using Distributed Control Scheme," IEEE. 12-16 Oct 1997. Pages 74-78.

U.S. Patent Application Serial No. 09/303,802, "Clique Activation Multiple Access," filed April 30, 1999, C. D. Young et al., Attorney Docket No. 97CR159/KE.

U.S. Patent Application Serial No. 09/422,498, "Method and Apparatus for Managing Communication Resources Using Dynamic and Static Assignment of Communication Slots," filed October 21, 1999, C. David Young, Attorney Docket No. 98CR095/KE.

U.S. Patent Application Serial No. 09/649,802, "Maintaining an Adaptive Broadcast Channel Using Both Transmitter Directed and Receiver Directed Broadcast," filed August 29, 2000, C. David Young, Attorney Docket No. 99CR100/KE.

U.S. Patent Application Serial No. 10/689,448, "Heuristics for Combining Inter-Channel and Intra-Channel Communications in a Wireless Environment," filed October 20, 2003, C. David Young et al., Attorney Docket No. 03CR081/KE.

U.S. Patent Application Serial No. 10/847,786, "On-Demand Broadcast Protocol," filed May 18, 2004, C. David Young et al., Attorney Docket No. 03CR354/KE.

U.S. Patent Application Serial No. 10/867,481, "Artery Nodes," filed June 14, 2004, C. David Young et al., Attorney Docket No. 03CR355/KE.

U.S. Patent Application Serial No. 10/782,716, "Hybrid Open/Closed Loop Filtering For Link Quality Estimation," filed February 19, 2004, Steven L. VanLanhingham et al., Attorney docket No. 03CR418/KE.

Foreign Documents

None

This disclosure statement should not be construed as a representation that a search has been completed or that no other material information as defined in 37 C.F.R. §1.56(a) exists.

It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97, and 1.98, and the Manual of Patent Examining Procedures §609. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

Some of the documents may have markings thereon. No significance is meant to the attached markings.

These documents are not necessarily analogous art.

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO-1449 with initials or other appropriate marks.

Respectfully submitted,

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Reg. No. 41,460

INFORMATION DISCLOSURE CITATION		Attorney Docket No.	Serial Number
		03CR119/KE	10/811,000
		Applicant F. Mabe et al.	
Filing Date March 26, 2004	Group 2661		

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Exmnr Initl	Document No.	Issue Date	Name	Class	Subclass	Filing Date
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	6,310,867	10-2001	Tat et al.	370	254	
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	6,157,656	12-2000	Lindgren et al.	370	458	

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Other Documents

L. Pond and V. Li, "Bridging the Gap Interoperability, Survivability, Security," 1989 IEEE MILCOM, Conference Record, Volume 1 of 3
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Sunlin, "A Hybrid Distributed Slot Assignment TDMA Channel Access Protocol," IEEE Military Communications Conference, 1990, Volume 3 of 3.
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Ju et al. "An Optimal Topology-Transport Scheduling Method in Multihop Packet Radio Networks." IEEE/ACM Transactions on Networking. June 1998. Pages 298-306.

Examiner	Date Considered
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	5,568,477	10-1996	Galand et al.	370	60	
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	Chakraborty et al. "Generic Algorithm for Broadcast Scheduling in Packet Radio Networks," Evolutionary Computation Proceedings, 1998. IEEE World Congress on Computational Intelligence. 4-9 May 1998. Pages 183-188.					
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	Chou et al. "Slot Allocation Strategies for TDMA Protocols in Multihop Packet Radio Network." Eleventh Annual Joint Conference of the IEEE Computer and Communications Societies. 4-8 May 1992. Pages 710-716.					
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	5,245,609	09-1993	Ofek et al.	370	348
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	5,598,417	01-1997	Crisler et al.	370	348
	6,084,888	07-2000	Watanabe et al.	370	473
	5,983,259	11-1999	Campbell et al.	709	200
	5,920,703	07-1999	Campbell et al.	709	236
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Other Documents					
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Other Documents

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